SOLUTIONS FOR J2EE
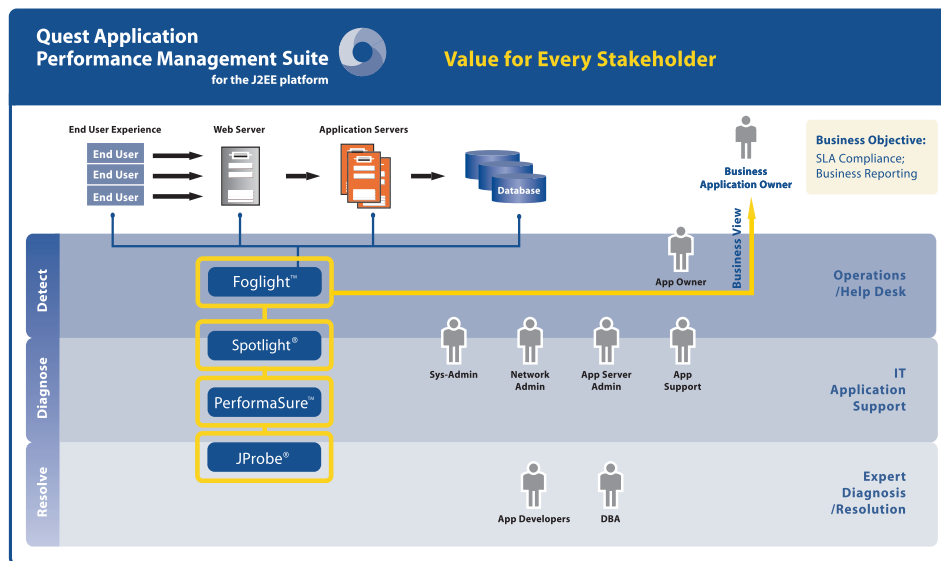# APPLICATION PERFORMANCE MANAGEMENT

J2EE is today's key business application platform, powering thousands of enterprise-level applications in production. Unexpected down-time or slowdown of critical applications simply isn't an option. Neither is spending more on managing applications and infrastructure than you have to.

J2EE applications are built on many layers of complex software infrastructure. Managing J2EE application performance in production takes a diverse team of experts — application support staff, DBAs and developers — working together. Silo-oriented point tools slow down diagnosis because tools and experts can only tackle one aspect of the problem at a time and cannot share diagnostic data in a common workflow.

Comprehensive Application Performance Management

An integrated J2EE application performance management solution, Quest's Application Performance Management Suite for the J2EE platform accelerates the detection, diagnosis and resolution of business-threatening performance issues throughout the lifecycle. With collaborative tools and diagnostic depth for every stage of the application lifecycle, Quest's APM Suite helps your entire IT team keep complex J2EE applications running smoothly and fix live production problems quickly.

Quest's APM Suite for the J2EE platform is an integrated solution that enables diverse team members to detect, diagnose and resolve problems faster by working together and sharing analysis data.

Foglight® for J2EE is a powerful application performance management console that provides end-to-end monitoring of every component affecting application performance. J2EE cartridges monitor the health of the application server environment.

Spotlight® is a real-time performance viewer for diagnosing bottlenecks in J2EE application server systems. Detailed information on activity and process flow within clusters, servers and applications is displayed in an intuitive graphical user interface.

PerformaSure™ is a transaction-centric diagnosis tool that helps companies to diagnose and resolve performance problems in distributed J2EE applications in testing or production. PerformaSure's unique Tag and Follow technology traces and reconstructs the execution path of end-user transactions, across the Web servers, application servers and databases utilized to service the request.

JProbe® is an award-winning toolkit for diagnosing errors and inefficiencies in Java application, servlet, JSP and EJB code. Designed for both client and server environments, JProbe paints graphical pictures of everything from memory use to calling relationships, helping developers to understand precisely what is causing problems in Java code.

Keep Critical J2EE Applications Running 24/7

Quest's APM Suite provides the tools and workflow you need to keep applications running in production and fix unexpected problems almost as soon as they occur — creating a highly efficient proactively-managed system. When Foglight detects a slowdown or failure, it automatically alerts application administrators and seamlessly triggers PerformaSure data capture, allowing production staff to move rapidly into the diagnostics phase of the repair cycle. PerformaSure's "power diagnostics" GUI highlights performance hotspots and provides intuitive diagnosis tools. Spotlight's GUI console alerts application server administrators to unexpected applicaton server system slowdowns. When the code's at fault, JProbe zooms in on the code to pinpoint the problem.

Diagnose Problems System-Wide to Line-of-Code

The sheer breadth and complexity of J2EE applications makes diagnostics particularly difficult. Only Quest's APM Suite can track a problem from an end-user transaction in production down to the offending line of source code. Diagnose inefficient servlets, slow-running SQL statements, inefficient EJB/DB interaction, application server configuration, excessive network traffic and more with PerformaSure. And drill down with JProbe to analyze memory leaks, performance bottlenecks and threading problems down to the offending line of source code.

Integrated to Speed Collaborative Performance Management

A diverse team of functional experts has varying diagnostic needs, and the Quest APM Suite integrates diverse diagnostic tools to provide a streamlined workflow for diagnostic experts. Application support staff can rapidly isolate problems in production and automatically gather detailed diagnostics data from the live system for the right expert. Software developers, architects and DBAs have the tools they need to identify slow components and determine root cause among the varying application server, database, network and OS components. Testing staff can benchmark and quickly validate fixes against a simulated load before deployment. Integrated tools and objective data provide every member of the team what they need to be successful.

Complete Lifecycle Coverage

The Quest APM Suite for the J2EE platform helps organizations proactively manage performance across the application lifecycle, from early code optimization in development through to ongoing application management in production. During development, JProbe ensures that code is well-tuned and performing optimally before release to QA. In integration testing and staging, Foglight and PerformaSure analyze system performance under simulated load to ensure application reliability and scalability prior to deployment. In production, Foglight and PerformaSure are critical to monitor and manage live performance and rapidly identify slow end-user transactions; Spotlight provides real-time information on activity and process flow within application server systems.

About Quest Software

Quest Software is a leading provider of application management solutions. Quest provides customers with Application Confidence[sm] by delivering reliable software to develop, deploy, manage and maintain enterprise applications without downtime or business interruption. Headquartered in Irvine, Calif., Quest has more than 18,000 global customers.

For more information on our solutions for J2EE application performance management, call 800.663.4723 or visit us at http://www.quest.com.

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